CITY OF BALTIMORE AND STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

BALTIMORE INTERSTATE HIGHWAYS

ENGINEERING CONCEPT DESIGN

INTERSTATE 83 VIADUCT
EAST END OF ANCHORAGE 'A' TO O'DONNELL STREET

LIST OF DRAWINGS

NO. 1 OF 66	COVER SHEET
NO. 2C OF 66	RENDERING OF CONCRETE STRUCTURE AT CANTON PLAYGROUND
NO. 2S-1 OF 66	RENDERING OF STEEL STRUCTURE AT CANTON PLAYGROUND (STEEL ENCASED CONCRETE PIERS)
NO. 2S-2 OF 66	RENDERING OF STEEL STRUCTURE AT CANTON PLAYGROUND (STRUCTURAL STEEL PIERS)
NO. 3C OF 66	RENDERING OF CONCRETE STRUCTURE AT BOSTON STREET
NO. 3S OF 66	RENDERING OF STEEL STRUCTURE AT BOSTON STREET
NO. 4C OF 66	RENDERING OF CONCRETE STRUCTURE AT I-83, I-95 INTERCHANGE
NO. 4S OF 66	RENDERING OF STEEL STRUCTURE AT I-83, I-95 INTERCHANGE
NO. 5C OF 66	PIER ELEVATION AND CROSS SECTION OF CONCRETE STRUCTURE, CANTON AREA
NO. 5S-1 OF 66	PIER ELEVATION (STEEL ENCASED CONCRETE PIERS) AND CROSS SECTION OF STEEL STRUCTURE, CANTON AREA
NO. 5S-2 OF 66	PIER ELEVATION (STRUCTURAL STEEL PIERS) AND CROSS SECTION OF STEEL STRUCTURE, CANTON AREA
NO. 6C OF 66	PIER ELEVATION AND CROSS SECTION OF CONCRETE STRUCTURE AT I-83, I-95 INTERCHANGE AREA
NO. 6S-1 OF 66	PIER ELEVATION (STEEL ENCASED CONCRETE PIERS) AND CROSS SECTION OF STEEL STRUCTURE AT I-83, I-95 INTERCHANGE AREA
NO. 6S-2 OF 66	PIER ELEVATION (STRUCTURAL STEEL PIERS) AND CROSS SECTION OF STEEL STRUCTURE AT I-83, I-95 INTERCHANGE AREA
NO. 7T OF 66	TOPOGRAPHY - STA. 188+62 TO STA. 197+08
NO. 7C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 188+62 TO STA. 197+08
NO. 7S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 188+62 TO STA. 197+08
NO. 7L OF 66	SITE PLAN AND LANDSCAPING - STA. 188+62 TO STA. 197+08
NO. 8T OF 66	TOPOGRAPHY - STA. 197+08 TO STA. 209+11
NO. 8C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 197+08 TO STA. 209+11
NO. 8S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 197+08 TO STA. 209+11
NO. 8L OF 66	SITE PLAN AND LANDSCAPING - STA. 197+08 TO STA. 209+11
NO. 9T OF 66	TOPOGRAPHY - STA. 209+11 TO STA. 221+31
NO. 9C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 209+11 TO STA. 221+31
NO. 9S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 209+11 TO STA. 221+31
NO. 9L OF 66	SITE PLAN AND LANDSCAPING - STA. 209+11 TO STA. 221+31
NO. 10T OF 66	TOPOGRAPHY - STA. 221+31 TO STA. 232+86
NO. 10C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 221+31 TO STA. 232+86
NO. 10S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 221+31 TO STA. 232+86
NO. 10L OF 66	SITE PLAN AND LANDSCAPING - STA. 221+31 TO STA. 232+86
NO. 11T OF 66	TOPOGRAPHY - STA. 232+86 TO STA. 244+58
NO. 11C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 232+86 TO STA. 244+58
NO. 11S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 232+86 TO STA. 244+58
NO. 11L OF 66	SITE PLAN AND LANDSCAPING - STA. 232+86 TO STA. 244+58
NO. 12T OF 66	TOPOGRAPHY - STA. 244+58 TO STA. 255+93
NO. 12C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 244+58 TO STA. 255+93
NO. 12S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 244+58 TO STA. 255+93
NO. 12L OF 66	SITE PLAN AND LANDSCAPING - STA. 244+58 TO STA. 255+93
NO. 13T OF 66	TOPOGRAPHY - STA. 255+93 TO STA. 266+65
NO. 13C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 255+93 TO STA. 266+65
NO. 13S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 255+93 TO STA. 266+65
NO. 13L OF 66	SITE PLAN AND LANDSCAPING - STA. 255+93 TO STA. 266+65
NO. 14T OF 66	TOPOGRAPHY - STA. 266+65 TO STA. 275+44
NO. 14C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 266+65 TO STA. 275+44
NO. 14S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 266+65 TO STA. 275+44
NO. 14L OF 66	SITE PLAN AND LANDSCAPING - STA. 266+65 TO STA. 275+44
NO. 15T OF 66	TOPOGRAPHY - STA. 275+44 TO O'DONNELL ST.
NO. 15C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 275+44 TO O'DONNELL ST.
NO. 15S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - STA. 275+44 TO O'DONNELL ST.
NO. 15L OF 66	SITE PLAN AND LANDSCAPING - STA. 275+44 TO O'DONNELL ST.
NO. 16T OF 66	TOPOGRAPHY - RAMPS "G" AND "H"
NO. 16C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - RAMPS "G" AND "H"
NO. 16S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - RAMPS "G" AND "H"
NO. 16L OF 66	SITE PLAN AND LANDSCAPING - RAMPS "G" AND "H"
NO. 17T OF 66	TOPOGRAPHY - RAMPS "G" AND "H"
NO. 17C OF 66	CONCRETE SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - RAMPS "G" AND "H"
NO. 17S OF 66	STEEL SUPERSTRUCTURE - GENERAL PLAN AND ELEVATION - RAMPS "G" AND "H"
NO. 17L OF 66	SITE PLAN AND LANDSCAPING - RAMPS "G" AND "H"
NO. 18 OF 66	SITE DETAILS
NO. 19 OF 66	SITE DETAILS
NO. 20C OF 66	TYPICAL ABUTMENT AT RETAINED FILL FOR CONCRETE VOIDED SLABS
NO. 20S OF 66	TYPICAL ABUTMENT AT RETAINED FILL FOR STEEL BOX GIRDERS
NO. 21C OF 66	TYPICAL STUB ABUTMENT FOR CONCRETE VOIDED SLABS
NO. 21S OF 66	TYPICAL STUB ABUTMENT FOR STEEL BOX GIRDERS
NO. 22C OF 66	TYPICAL PARAPET FOR CONCRETE INTERSTATE STRUCTURES
NO. 22S OF 66	TYPICAL PARAPET FOR STEEL INTERSTATE STRUCTURES

LEGEND

EXISTING UTILITIES

STORM DRAIN	15" D
SANITARY SEWER	8" San
WATER MAIN	10" W
GAS MAIN	8" G
U.G. ELECTRICAL DUCT OR CABLE	W E 1-8-1-4-2-5" GAE
U.G. TELEPHONE DUCT OR CABLE	T

GENERAL NOTES

1. BORINGS HAVE NOT BEEN TAKEN AT THE SITE. FOUNDATION RECOMMENDATIONS ARE BASED ON THE BEST INFORMATION AVAILABLE.

TENTATIVE
DATE SEP 28 1970

URBAN DESIGN CONCEPT ASSOCIATES-A JOINT VENTURE
BALTIMORE, MARYLAND
SKIDMORE, OWINGS & MERRILL - J.E. GREINER COMPANY, INC.
PARSONS BRINCKERHOFF, QUADE & DOUGLAS-WILBUR SMITH & ASSOCIATES

INTERSTATE 83 TITLE SHEETS

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		1	23

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS

JONES FALLS EXPRESSWAY

BALTIMORE STREET TO PRESTON STREET

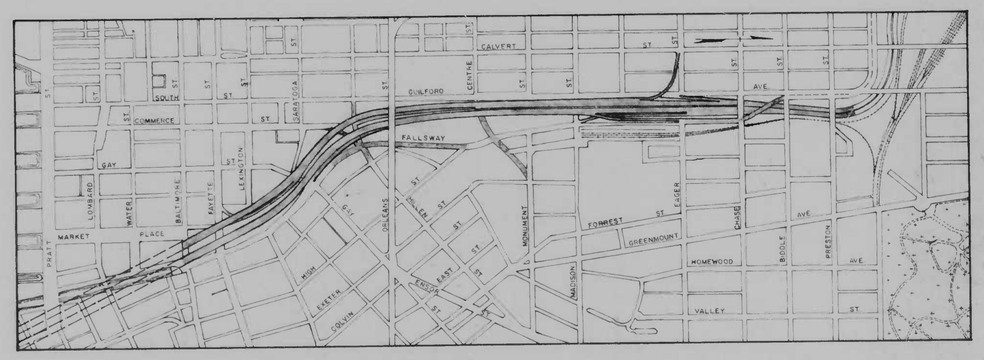
INTERSTATE ROUTE 83

FEDERAL AID PROJECT NO. F.A.P. I-83-1(30)0

SITE PLANS

CITY OF BALTIMORE BUREAU OF HIGHWAYS CONTRACT NO.

S.R.C. NO. BC-243-6-815



LOCATION PLAN

SCALE: 1" = 500'

J.E.GREINER COMPANY
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.V. 1985 = 3,830	D.H.V. 1985 = 3,200
Trucks = 5 %	Trucks = 5 %
Design Speed = 50 M.P.H.	Design Speed = 50 M.P.H.

J.E. GREINER COMPANY	PENNSYLVANIA RAILROAD	CITY OF BALTIMORE			MARYLAND STATE ROADS COMMISSION	DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS
	APPROVED:	DEPARTMENT OF PUBLIC WORKS		DEPARTMENT OF TRANSIT & TRAFFIC	REVIEWED AND APPROVAL RECOMMENDED:	RECOMMENDED FOR APPROVAL:
	AREA ENGINEER	MECHANICAL-ELECTRICAL ENGINEER	HIGHWAYS ENGINEER	COMMISSIONER	ENGINEER OF ROAD DESIGN	DISTRICT ENGINEER
		WATER ENGINEER	ENGINEER OF SURVEYS		APPROVAL RECOMMENDED: ASSISTANT CHIEF ENGINEER-DESIGN	APPROVED: DIVISION ENGINEER
		SEWERAGE ENGINEER	DIRECTOR OF PUBLIC WORKS		APPROVED: CHIEF ENGINEER	

3	MD.	I 83-1(77)	1	6

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
LANDSCAPING

FEDERAL AID PROJECT NO. I-83-1(77)

STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 243-50-815

I-83 FROM CALVERT STREET TO EAGER STREET

BALTIMORE CITY BUREAU OF ENGINEERING, HIGHWAY CONTRACT NO. 2335

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

EXPLANATORY NOTE
STANDARD PLATES:
WHENEVER REFERENCE IS MADE TO STANDARD PLATES IT WILL BE THE CONTRACTOR'S RESPONSIBILITY THAT THE STANDARD PLATES IN HIS POSSESSION ARE THE LATEST S.R.C. STANDARD PLATES.

INDEX OF SHEETS

SHEET 1. TITLE SHEET
2. PLAN CALVERT ST. TO GUILFORD AVE.
3. PLAN GUILFORD AVE. TO PRESTON ST.
4. PLAN PRESTON ST. TO CHASE ST.
5. PLAN CHASE ST. TO EAGER ST.
6. QUANTITY SHEET

LEGEND

PLANT SYMBOLS

- KOELREUTERIA PANICULATA
- ROSA RED FOUNTAIN
- PINUS THUNBERGI
- EXISTING CROWN VETCH
- POLYGONUM REYNOUTRIA
- LONICERA JAPONICA HALLIANA

LIMIT OF WORK UNDER CONTRACT NO. BC 243-50-815 F.A.P. NO. I-83-1(77) BALTO. CITY NO. 2335 CALVERT ST.

LIMIT OF WORK UNDER CONTRACT NO. BC 243-50-815 F.A.P. NO. I-83-1(77) BALTO. CITY NO. 2335 EAGER ST.

LOCATION PLAN

TRAFFIC DATA	
1970 ADT	68,100
1990 ADT	90,300
1990 DDHV	6,810
TRUCKS DHV	7%

LOCATION PLAN
SCALE 1" = 1000'

DESIGN SPEED 50 M.P.H.
PROJECT LENGTH: 0.4 MILE

CITY OF BALTIMORE
APPROVED
H. S. Patheja
H.S. PATHEJA
SEDIMENTATION & EROSION CONTROL
SEPTEMBER 1976

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.J.K./BAP	7/9/76
WASTE WATER DIVISION	W.A.H./BAP	7/9/76
HIGHWAY ENGINEERING DIVISION	W.L.O.	7/9/76
SURVEY AND RECORDS DIVISION	J.F.M. [illegible]	7/9/76
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION HIGHWAY MAINTENANCE DIV.	G.L.N./BAP	7/9/76
CONDUIT SECTION HIGHWAY MAINTENANCE DIV.	G.L.N./BAP	7/9/76
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	7/12/76
	INITIALS	DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
William E. Caley
HEAD, BUREAU OF ENGINEERING

APPROVED
[illegible]
DIRECTOR OF PUBLIC WORKS

PREPARED BY
STATE OF MARYLAND
STATE HIGHWAY ADMINISTRATION

Charles A. Anderson
7-12-76
DATE
BUREAU OF LANDSCAPE ARCHITECTURE

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
[illegible] 7/6/76
CHIEF, BUREAU OF DESIGN

APPROVAL RECOMMENDED
[illegible] 7/6/76
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
[illegible]
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ENGINEER DATE

MILEAGE - MAINLINE			
	STATION TO STATION		
	63+75.00	80+58.00	1683 FT.
TOTAL			0.32 MILES
MILEAGE - CROSS ROADS			
	STATION TO STATION		
FALLSWAY	23+70	51+81	2811 FT.
GUILFORD	10+00	33+06.87	2307 FT.
CENTRE	1+89	6+91.41	502 FT.
MADISON	1+78	4+63	285 FT.
HILLEN	6+25	7+94	169 FT.
TOTAL			1.15 MILES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

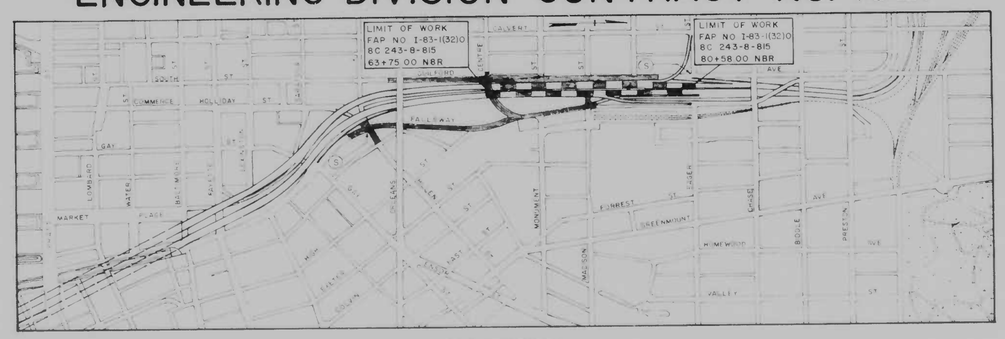
JONES FALLS EXPRESSWAY

CENTRE STREET TO EAGER STREET

RAILROAD FACILITY RELOCATION & VIADUCT SUBSTRUCTURE

FEDERAL AID PROJECT NO. I-83-1(32)0
STATE ROADS COMMISSION PROJECT NO. BC 243-8-815
CITY OF BALTIMORE BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1821

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Present A.D.T. = 10,000	Present A.D.T. = 10,000
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.V. 1985 = 3,830	D.H.V. 1985 = 3,200
Trucks = 5 %	Trucks = 5 %
Design Speed = 50 M.P.H.	Design Speed = 50 M.P.H.



LOCATION PLAN
SCALE 1" = 500'

Right of Way lines shown on these plans do not include easements, they are for assistance in interpreting the plans, these lines do not represent the official property acquisition lines. For official fee Right of Way and easement information, see appropriate Right of Way Plans or Contract Plans.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
SURVEYS	
ID 83-1	
CROSS SECTIONS	
ID 83-2	

(B) INFORMATIONAL SIGNS
This Project Will Require Two (2) Informational Signs Refer To Standard Plate SF-5 And The "Required Provision Informational Sign Federal Aid Contracts" The (S) Designation On The Location Plan is The Suggested Position For The Sign.

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	[illegible]	4/16/69
WASTE WATER DIVISION	[illegible]	4/16/69
HIGHWAY ENGINEERING DIVISION	[illegible]	4/16/69
SURVEY AND RECORDS DIVISION	[illegible]	[illegible]
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION-HIGHWAYS DIVISION	[illegible]	4/16/69
CONDUIT SECTION-HIGHWAYS DIVISION	[illegible]	4/16/69
DEPARTMENT OF TRAFFIC AND TRANSIT	[illegible]	4-14-69
	INITIALS	DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED:
HEAD, BUREAU OF ENGINEERING

APPROVED:
DIRECTOR OF PUBLIC WORKS

MARYLAND STATE ROADS COMMISSION

REVIEWED AND APPROVAL RECOMMENDED:
CHIEF, BUREAU OF ENGINEERING

APPROVAL RECOMMENDED:
Hugh G. Downs 2/11/70
DEPUTY CHIEF ENGINEER-DEVELOPMENT

APPROVAL RECOMMENDED:
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED:
CHIEF ENGINEER

PREPARED BY

J. E. GREINER COMPANY, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

DATE

PENN-CENTRAL COMPANY
APPROVED

REGIONAL ENGR-DESIGN & CONSTR. DATE

WESTERN MARYLAND RAILWAY COMPANY
APPROVED
CHIEF ENGINEER DATE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

	MD. I-83-1(58)0	71	68	

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".

INTERSTATE ROUTE I-83 JONES FALLS EXPRESSWAY

SAFETY IMPROVEMENTS
CHARLES ST. TO NORTH OF COLD SPRING LANE

FEDERAL AID PROJECT NO. I-83-1(58)0
STATE HIGHWAY ADMIN. PROJECT NO. BC-243-32-815
CITY OF BALTIMORE, BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION.
CONTRACT NO. 2048

TRAFFIC DESIGN DATA

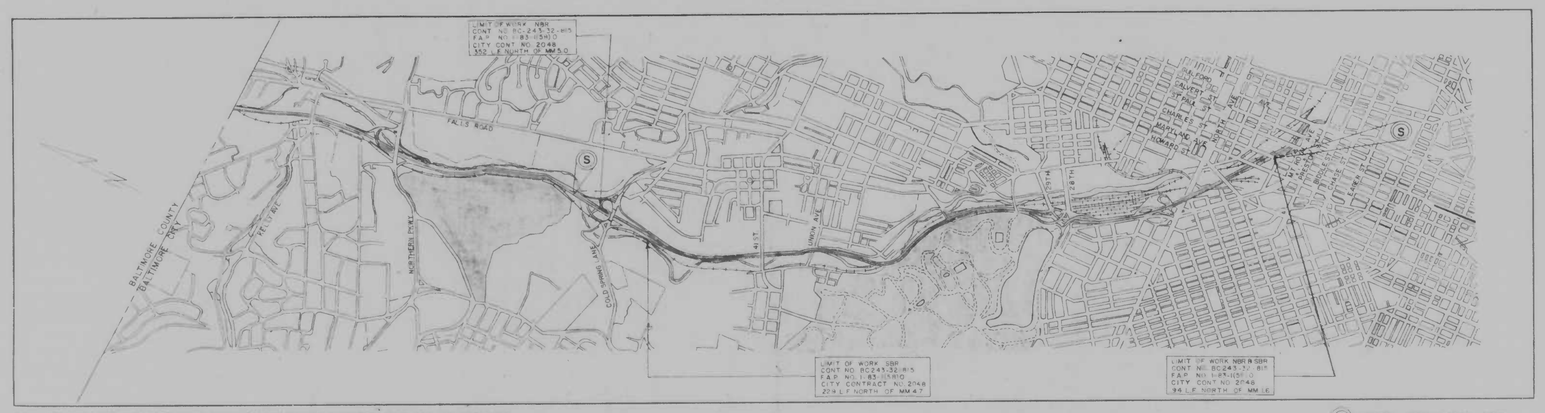
I-83 1970		I-83 1990	
DESIGN A.D.T.	= 68,100	DESIGN A.D.T.	= 90,300
D.H.V.	= 6,810	D.H.V.	= 9,030
TRUCKS D.H.V.	= 7%	TRUCKS D.H.V.	= 7%
DESIGN SPEED	= 50 M.P.H.	DESIGN SPEED	= 50 M.P.H.

MILEAGE

S.B.R.	14,919 L.F.
N.B.R.	16,626 L.F.
TOTAL	31,545 L.F.
AVERAGE TOTAL	15,772.5 L.F.
AVERAGE TOTAL	2.99 MILES

SYMBOLS

- JUNCTION OR PULL BOX
- PROPOSED ROADWAY FOUNDATION BASE
- HAND BOX
- MODIFIED X DUCT
- EXISTING CROSSOVER CONDUIT
- PROPOSED CROSSOVER CONDUIT
- CHAIN LINK FENCE
- FENCE ON RETAINING WALL
- EXISTING GUARD RAIL
- PROPOSED GUARD RAIL
- STREET SIGN
- LIGHT POLE
- UTILITY POLE
- MANHOLE
- GRATE
- REFLECTOR
- CATENARY POLE
- TREE LINE
- TREE
- CULVERT
- E. M. EMERGENCY TELEPHONE (ROUGH APPROX. LOCATION)
- STREAM LINE
- UNDERGROUND PIPE
- ELECTRICAL CIRCUIT
- 5' SIDEWALK
- CONCRETE PAVEMENT
- FLEXIBLE PAVEMENT



RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS, THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLANS AND PROPERTY PLATS.

LOCATION PLAN
0 — 1500 FEET
SCALE: 1 INCH = 1500 FEET

(S) DENOTES INFORMATIONAL SIGNS

LEGEND OF ABBREVIATIONS
NBR = NORTH BOUND ROADWAY
SBR = SOUTH BOUND ROADWAY
E.J. = EXPANSION JOINT
J.B. = JUNCTION BOX
TAT = TRANSIT AND TRAFFIC
C.L.F. = CHAIN LINK FENCE
M.H. = MANHOLE
R.C.P. = REINFORCED CONCRETE PIPE
C.I.P. = CAST IRON PIPE
BIT. = BITUMINOUS
S.G.R. = STREET GUARD RAIL
R.W., RET.W. = RETAINING WALL
H.B. = HAND BOX
ROW = ROADWAY
FDN = FOUNDATION
L.P. = LIGHT POLE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.J.K.	6/3/72
WASTE WATER DIVISION		6/3/72
HIGHWAY ENGINEERING DIVISION		6/5/72
SURVEY AND RECORDS DIVISION		6/5/72
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION, HIGHWAY MAINTENANCE DIV.		6/3/72
CONDUIT SECTION, HIGHWAY MAINTENANCE DIV.		6/12/72
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E. (INITIALS)	6-14-72 (DATE)

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING

APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
INTERSTATE DIVISION FOR BALTIMORE CITY
6/14/72
DATE

CITY OF BALTIMORE

APPROVED
David A. Gorlow
DAVID A. GORLOW
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

STATE ROADS COMMISSION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
CHIEF, BUREAU OF ENGINEERING 6/21/72

APPROVAL RECOMMENDED
DEPUTY CHIEF ENGINEER - DEVELOPMENT 7/21/72

APPROVAL RECOMMENDED
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY 6/21/72

APPROVED
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ENGINEER DATE

SHEET NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-83-N62)1	T1	67

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

INTERSTATE ROUTE I-83 JONES FALLS EXPRESSWAY

SAFETY IMPROVEMENTS
SOUTH OF COLD SPRING LANE TO NORTH CITY LINE

FEDERAL AID PROJECT NO. I-83-1(62)1
STATE ROADS COMM. PROJECT NO. BC 243-36-815
CITY OF BALTIMORE, BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION.
CONTRACT NO. 2108

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".

INDEX OF SHEETS

TYPICAL CROSS SECTIONS	SHEET T-1 THRU 8
SUPERELEVATION DATA	SHEET T-9
SHOULDER TREATMENT	SHEET T-10 THRU 15
GORE AREA TREATMENT	SHEET T-16 THRU 18
DRAINAGE DETAILS	SHEET T-19
PLANS	SHEET P-1 THRU 24
NORTHERN PKWY. RAMP DATA	SHEET P-25 THRU 26
SIGNING & LIGHTING	SHEET U-1 THRU 9
NORTHERN PKWY. RETAINING WALL	SHEET S-1 THRU 4
SUMMARY OF ALL CONTRACT ITEMS	SHEET Q-1 THRU 9
[1] SUPPLEMENTAL GORE AREA TREATMENT	SHEET T15A THRU T19G P26A

TRAFFIC DESIGN DATA

I-83 1970		I-83 1990	
DESIGN A.D.T.	= 66,100	DESIGN A.D.T.	= 90,300
D.H.V.	= 6,810	D.H.V.	= 9,030
TRUCKS D.H.V.	= 7%	TRUCKS D.H.V.	= 7%
DESIGN SPEED	= 55 M.P.H.	DESIGN SPEED	= 55 M.P.H.

MILEAGE

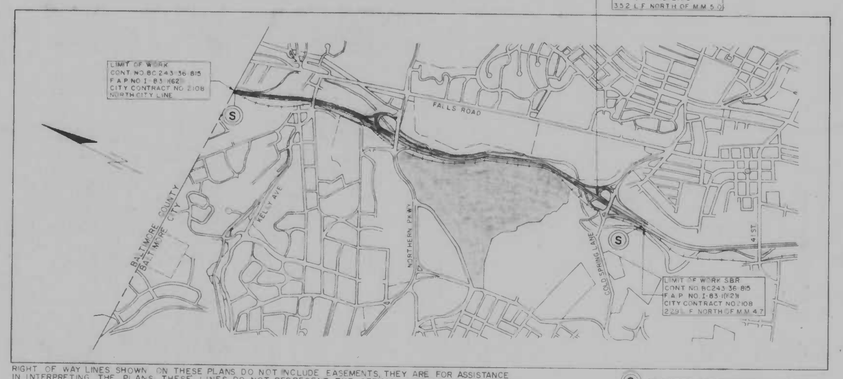
S.B.R.	10,700 L.F.
N.B.R.	8,975 L.F.
TOTAL	19,675 L.F.
AVERAGE TOTAL	9,837½ L.F.
AVERAGE TOTAL MILEAGE	1.863 MILES

SYMBOLS

- TYPE MX DUCT
- PROPOSED JUNCTION OR PULL BOX
- PROPOSED ROADWAY FOUNDATION BASE-15" R.C.
- PROPOSED RIDALWAY FOUNDATION BASE-11" R.C.
- PROPOSED HAND BOX
- EXISTING HAND BOX
- EXISTING CROSSOVER CONDUIT
- PROPOSED CROSSOVER CONDUIT
- C.L.F. CHAIN LINK FENCE
- FENCE ON RETAINING WALL
- EXISTING GUARD RAIL
- PROPOSED GUARD RAIL
- STREET SIGN
- LIGHT POLE
- UTILITY POLE
- MH MANHOLE
- GRATE
- REFLECTOR
- CATENARY POLE
- TREE LINE
- TREE
- CULVERT
- C.B.P. EMERGENCY TELEPHONE CIRCUIT-APPROX. LOCATION
- STREAM LINE
- UNDERGROUND PIPE
- EXISTING ELECTRICAL CABLES
- 5' SIDE WALK
- CONCRETE PAVEMENT
- FLEXIBLE PAVEMENT

LEGEND OF ABBREVIATIONS

NBR - NORTH BOUND ROADWAY
SBR - SOUTH BOUND ROADWAY
E.J. - EXPANSION JOINT
J.B. - JUNCTION BOX
T&T - TRANSIT AND TRAFFIC
C.L.F. - CHAIN LINK FENCE
M.H. - MANHOLE
R.C.P. - REINFORCED CONCRETE PIPE
C.I.P. - CAST IRON PIPE
BIT. - BITUMINOUS
S.G.R. - STEEL GUARD RAIL
R.W. RET.W. - RETAINING WALL
H.B. - HAND BOX
RDWY.-ROADWAY
FDN.-FOUNDATION
L.P.-LIGHT POLE



RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLANS AND PROPERTY PLATS.

(S) DENOTES INFORMATIONAL SIGNS

LOCATION PLAN

0 — 1500 FEET

SCALE 1 INCH=1500 FEET

[1] RED LINE REVISION NO. 4, 12-11-73

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.J.K./BAP	5-2-73
WASTE WATER DIVISION	W.A.H./BAP	5-2-73
HIGHWAY ENGINEERING DIVISION	W.E.R./BAP	5/2/73
SURVEY AND RECORDS DIVISION		5/2/73
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.L.H./BAP	5-2-73
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	G.L.H./BAP	5-2-73
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E. (INITIALS)	5-3-73 (DATE)

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING

APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
INTERSTATE DIVISION FOR BALTIMORE CITY
5/2/73
DATE

CITY OF BALTIMORE
APPROVED
DAVID A. CLARFOSS
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

STATE ROADS COMMISSION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
CHIEF, BUREAU OF ENGINEERING — 5/2/73
APPROVAL RECOMMENDED
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVAL RECOMMENDED
DEPUTY CHIEF ENGINEER - DEVELOPMENT — 5/2/73
APPROVED
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER — DATE

THIRD REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	1	13

INDEX OF DRAWINGS

1 TITLE SHEET
2 QUANTITIES AND GENERAL NOTES
3 PARKING AREA A
4 PARKING AREA B
5 PARKING AREA C
6 PARKING AREA D
7 TYPICAL DETAILS - I
8 TYPICAL DETAILS - II
9 LIGHTING - PARKING AREA A
10 LIGHTING - PARKING AREA B AND MINI PARK
11 LIGHTING - PARKING AREA C
12 LIGHTING - PARKING AREA D
13 LIGHTING DETAILS AND DIAGRAMS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

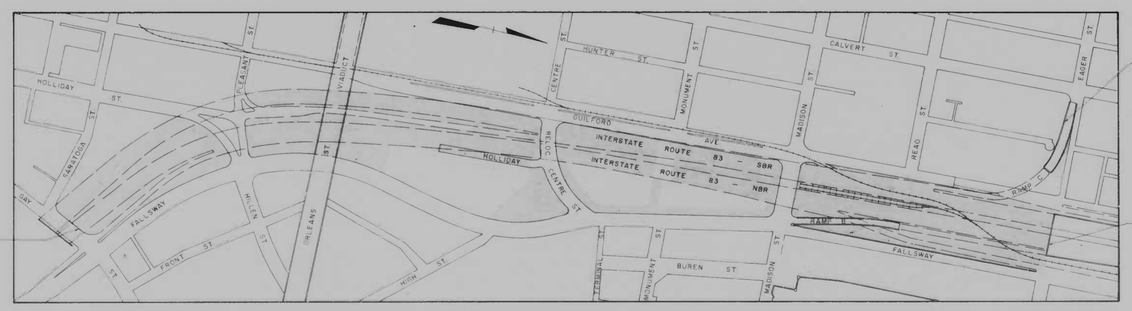
JOINT DEVELOPMENT PROJECT

FEDERAL AID PROJECT NO. I-83-1(80)4
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 243-53-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2416

INTERSTATE ROUTE 83

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Present A.D.T. = 10,000	Present A.D.T. = 10,000
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.T. 1986 = 3,830	D.H.T. 1986 = 3,200
Trucks = 5%	Trucks = 5%
Design Speed = 50MPH	Design Speed = 50MPH



LOCATION PLAN
Scale: 1" = 200'

INTERSTATE DIVISION FOR BALTIMORE CITY
ACCEPTED
Gerald L. Kreiner E.P. 2-4-77
SEDIMENTATION AND EROSION CONTROL OFFICER

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.S.K./BAP	2-4-77
WASTE WATER DIVISION	W.A.H./BAP	2-4-77
SEDIMENTATION & EROSION CONTROL	[illegible]	2-4-77
HIGHWAY ENGINEERING DIVISION	[illegible]	2-4-77
SURVEY AND RECORDS DIVISION	[illegible]	2-4-77
BUREAU OF OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	I.W./BAP	2-4-77
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	I.W./BAP	2-4-77
DEPARTMENT OF TRANSIT AND TRAFFIC	INITIALS	DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED,
Wilhelmina E. Rudy
HEAD, BUREAU OF ENGINEERING

APPROVED
Francis W. Tuchler
DIRECTOR OF PUBLIC WORKS

PREPARED BY
GREINER ENGINEERING SCIENCES, INC.
CONSULTING ENGINEERS
[illegible] 2-4-77
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
[illegible] 2-4-77
CHIEF, BUREAU OF DESIGN

APPROVAL RECOMMENDED
[illegible] 2-4-77
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
[illegible]
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ENGINEER DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	TOTAL SHEETS	SHEET NO.
2	MD.	I-83-1(49)2		

INDEX OF SHEETS

NO.

1 TITLE SHEET AND LOCATION PLAN
2 TYPICAL CROSS SECTION OF IMPROVEMENT
3 TYPICAL CROSS SECTION OF IMPROVEMENT
4 TYPICAL CROSS SECTION OF IMPROVEMENT - MISCELLANEOUS DETAILS
5 TYPICAL CROSS SECTION OF IMPROVEMENT - CONCRETE BARRIERS
6 TYPICAL CROSS SECTION OF IMPROVEMENT - PARAPET DETAILS
7 TYPICAL CROSS SECTION OF IMPROVEMENT - LIGHTING DETAILS
8 TYPICAL CROSS SECTION OF IMPROVEMENT - LIGHTING DETAILS
*9 DETAILS - LIGHTING JUNCTION BOXES AND TRANSIT AND TRAFFIC HAND BOX
10 CHAIN LINK FENCE AND MISCELLANEOUS DETAILS
11 SCHEMATIC WIRING DIAGRAM
12 FINISHED PAVEMENT ELEVATIONS
13 PLAN - STA. 80+56.50 TO STA. 85+00
14 PLAN - STA. 85+00 TO STA. 91+00
15 PLAN - STA. 91+00 TO STA. 94+88.20 Ahd. = STA. 94+88.30 Bk.
16 PLAN - STA. 94+88.30 Ahd. TO STA. 101+98.50 Bk = STA. 102+52.37 Ahd.
17 PLAN - STA. 102+52.37 Ahd. TO STA. 108+25.68
18 PLAN - STA. 108+25.68 TO STA. 112+05.30
19 PLAN - STA. 112+05.30 TO STA. 117+15.70
20 PLAN - STA. 113+79.57 TO CHARLES ST. ON RAMP - DETAILS
21 SUMMARY OF QUANTITIES
22 SUMMARY OF QUANTITIES
23 SUMMARY OF QUANTITIES
24 SUMMARY OF QUANTITIES

*9A DETAILS - LIGHTING AND TRANSIT AND TRAFFIC HAND BOX

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

INTERSTATE ROUTE I-83 JONES FALLS EXPRESSWAY
SAFETY IMPROVEMENTS
EAGER STREET TO MARYLAND AVENUE.

FEDERAL AID PROJECT NO. I-83-1(49)2.
STATE ROADS COMM. PROJECT NO. BC-243-23-815.
CITY OF BALTIMORE, BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION.
CONTRACT NO. 1961

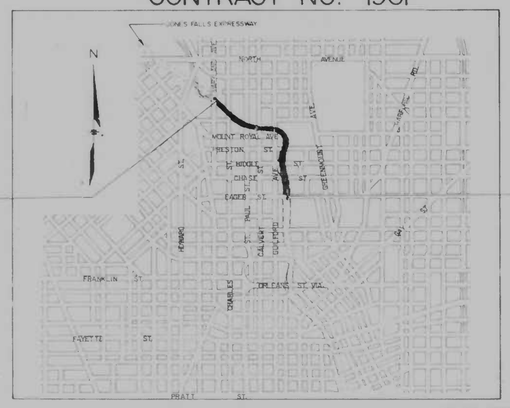
TRAFFIC DESIGN DATA	
I-83 1970	I-83 1990
DESIGN A.D.T. = 68,100 D.H.V. = 6,810 TRUCKS D.H.V. = 7% DESIGN SPEED = 50 M.P.H.	DESIGN A.D.T. = 90,300 D.H.V. = 9,030 TRUCKS D.H.V. = 7% DESIGN SPEED = 50 M.P.H.

MILEAGE			
STA. 80 + 56.50	TO	STA. 94 + 88.30 BK. STA. 94 + 88.20 AHD.	= 1431.80 L.F.
STA. 94 + 88.20	TO	STA. 101 + 98.50 BK. STA. 102 + 52.37 AHD.	= 710.30 L.F.
STA. 102 + 52.37	TO	STA. 117 + 15.70	= 1463.33 L.F. 3,605.43 L.F.
		TOTAL	= 0.683 MILES

SYMBOLS

NEW ROADWAY LIGHT
EXISTING ROADWAY LIGHT
EXISTING UNDERPASS LUMINARIES
FUSED CONDUCTOR CONNECTOR ASSEMBLY
BOLTED CONNECTOR

LIMIT OF WORK UNDER CONTRACT NO. BC 243-23-815 F.A.P. NO. I-83-1(49)2 STA. 117+15.7 N.B.R. STA. 109+85.5 S.B.R.



LIMIT OF WORK UNDER CONTRACT NO. BC 243-23-815 F.A.P. NO. I-83-1(49)2 STA. 80+58 N.B.R. STA. 80+56.50 S.B.R.

LOCATION PLAN
0 .025 .050 .075 MILE

* DENOTES INFORMATION SIGN F.A.P. NO. I-83-1(49)2

LEGEND OF ABBREVIATIONS
S.B.R. - SOUTH BOUND ROADWAY
N.B.R. - NORTH BOUND ROADWAY
B.L. - BASE LINE
P.G.L. - PROFILE GRADE LINE
P.G.E. - PROFILE GRADE ELEVATION
R.P. - POINT OF ROTATION
C.P. - CENTER POINT
J.B. - JUNCTION BOX
T.&T. - TRANSIT AND TRAFFIC
E.J. - EXPANSION JOINTS
C.J. - CONSTRUCTION JOINTS

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENTS, THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE APPROPRIATE RIGHT OF WAY PLANS AND PROPERTY PLATS.

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	E.K. SAP	9-2-69
WASTE WATER DIVISION	L.A.H. SAP	9-2-69
HIGHWAY ENGINEERING DIVISION	W.E.R.	9/17/69
SURVEY AND RECORDS DIVISION	[illegible]	9/2/69
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N. SAP	9-2-69
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N. SAP	9-2-69
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	9/2/69

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING

APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
INTERSTATE DIVISION FOR BALTIMORE CITY
9/10/69
DATE

STATE ROADS COMMISSION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
CHIEF, BUREAU OF ENGINEERING 9/9/69

APPROVAL RECOMMENDED
DEPUTY CHIEF ENGINEER - DEVELOPMENT 9/10/69

APPROVAL RECOMMENDED
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY 9/10/69

APPROVED
CHIEF ENGINEER 9/10/69

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED
DIVISION ENGINEER DATE

MILEAGE MAIN LINE			
	STATION	STATION	LENGTH
	80+58.00	77+88.30	1430.30 Feet
	Total		0.270 Miles
MILEAGE - CROSS STREETS			
Fallsway	5+80.94	10+13.54	
	10+73.43	14+75	834.17 Feet
Chase	3+82.80	7+60	655.58 Feet
Guilford	78+63	80+77	
	10+00	20+02.89	1221.89 Feet
	Total		0.513 Miles

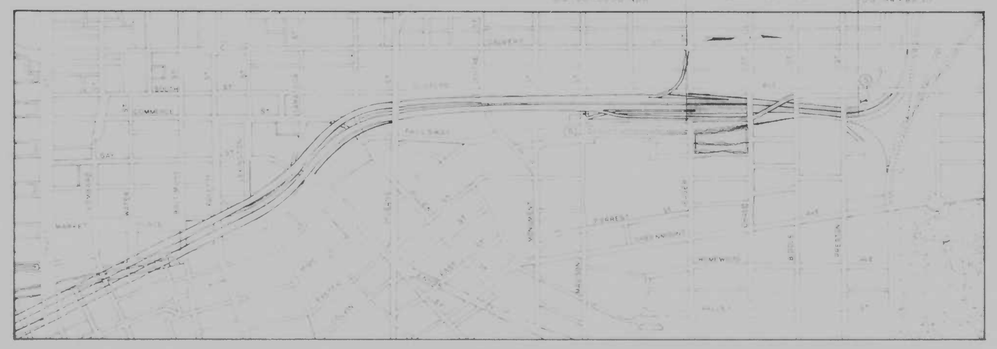
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

JONES FALLS EXPRESSWAY

EAGER STREET TO PRESTON STREET
NORTH APPROACH TO VIADUCT

FEDERAL AID PROJECT NO. I-83-1(34)0
STATE ROADS COMMISSION PROJECT NO. BC 243-10-815
CITY OF BALTIMORE BUREAU OF HIGHWAYS CONTRACT NO. 1799

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.V. 1985 = 3,830	D.H.V. 1985 = 3,200
Trucks = 5 %	Trucks = 5 %
Design Speed = 50 M.P.H.	Design Speed = 50 M.P.H.



LOCATION PLAN
SCALE 1" = 500'

FIELD BOOKS	
BOOK NO.	DESCRIPTION
SURVEYS	
ID 83-1	
CROSS SECTIONS	
ID 83-2	

CHECKED BY	INITIALS	DATE
MECH.-ELEC. LIGHTING	[illegible]	[illegible]
MECH.-ELEC. CONDUIT	[illegible]	[illegible]
BUREAU OF WATER SUPPLY	[illegible]	[illegible]
BUREAU OF SEWERS	[illegible]	[illegible]
BUREAU OF HIGHWAYS	[illegible]	[illegible]
BUREAU OF SURVEYS	[illegible]	[illegible]

DEPARTMENT OF TRAFFIC AND TRANS. [illegible] 67

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVED

DIRECTOR OF PUBLIC WORKS

MARYLAND STATE ROADS COMMISSION

EXPLANATION AND APPROVAL RECOMMENDED

CHIEF, BUREAU OF ENGINEERING

APPROVAL RECOMMENDED

Hugh B. Downs 1/11/67

CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

CHIEF ENGINEER DATE

PREPARED BY

J.E. GREINER COMPANY
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

DATE

APPROVED BY
THE PENNSYLVANIA RAILROAD CO.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DISTRICT ENGINEER DATE

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-083-1(36)0	[illegible]	136

MILEAGE - MAINLINE			
STATION TO STATION			
	SBR 45+57.05	61+11.75	1555 FT.
	NBR 46+68.20	61+17.00	1449 FT.
TOTAL		SBR	0.29 MILES
		NBR	0.27 MILES

MILEAGE - CROSS ROADS			
STATION TO STATION			
GAY	3+65	8+24.68	459.68 FT.
SARATOGA	101+12	105+77	465.00 FT.
HOLLIDAY	4+20	9+10	490.00 FT.
PLEASANT & HILLEN	3+20	7+69.18	449.18 FT.
TOTAL			1863.86 FT.
TOTAL			0.35 MILES

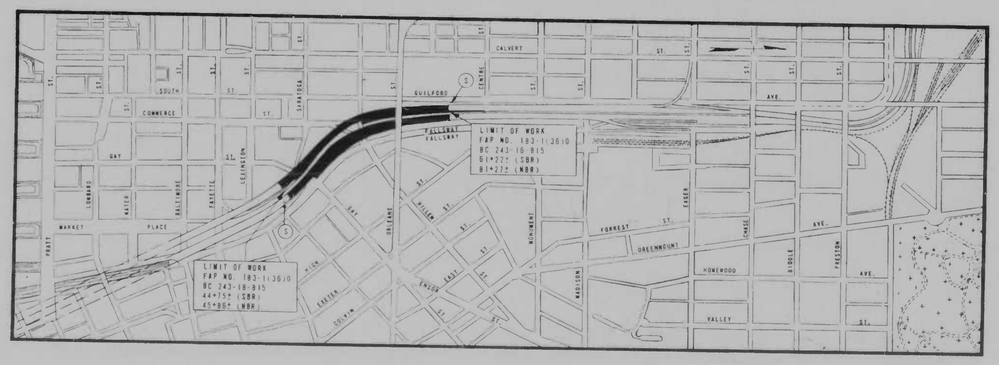
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-83-1(36)0
STATE ROADS COMMISSION PROJECT NO. BC 243-16-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1835

INTERSTATE ROUTE 83
JONES FALLS EXPRESSWAY
GAY STREET TO CENTRE STREET

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Present A.D.T. = 10,000	Present A.D.T. = 10,000
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.V. 1985 = 3,830	D.H.V. 1985 = 3,200
Trucks = 5%	Trucks = 5%
Design Speed = 50 M.P.H.	Design Speed = 50 M.P.H.



LOCATION PLAN
SCALE: 1" = 500'

Right of Way lines on these plans do not include easements; they are for assistance in interpreting the plans; these lines do not represent the official property acquisition lines. For official fee Right of Way and easement information, see appropriate Right of Way Plans and Property Plats.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
SURVEYS	
ID 83-1	
CROSS SECTIONS	
ID 83-2	

(S) INFORMATIONAL SIGNS
This Project Will Require Two (2) Informational Signs Refer To Standard Plate SF-5 And The "Required Provision Informational Sign Federal Aid Contracts". The (S) Designation On The Location Plan Is The Suggested Position For The Sign.

CITY OF BALTIMORE
APPROVED
David A. Cearfoss
DAVID A. CEARFOSS
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.J.K.	5-2-73
WASTE WATER DIVISION	W.D.H.	5-2-73
HIGHWAY ENGINEERING DIVISION	WERF	5/8/73
SURVEY AND RECORDS DIVISION		
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N.	5-2-73
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	G.L.N.	5-2-73
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	5-3-73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING

APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
J. E. GREINER COMPANY, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
5/2/73
CHIEF, BUREAU OF ENGINEERING

APPROVAL RECOMMENDED
5/2/73
DEPUTY CHIEF ENGINEER - DEVELOPMENT

APPROVAL RECOMMENDED
Joseph M. Ackerd 5/2/73
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ENGINEER — DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-83-1(75)
STATE ROADS COMMISSION PROJECT NO. BC-243-49-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2264

INTERSTATE ROUTE 83
JONES FALLS EXPRESSWAY
SIGNING AND LIGHTING
GAY STREET TO EAGER STREET

STATE	
MD	

INDEX OF DRAWINGS

T-1 TITLE SHEET
T-2 GENERAL NOTES AND PROPOSAL ITEMS

P-1 SIGN AND DELINEATOR LOCATIONS - I
P-2 SIGN AND DELINEATOR LOCATIONS - II
P-3 GUIDE SIGN MESSAGES, DETAILS AND DIMENSIONS
P-4 MISCELLANEOUS DETAILS
P-5 EXTRUDED ALUMINUM SIGN DETAILS
S-1 SIGNS MOUNTED ON J.F.X. STRUCTURE - I
S-2 SIGNS MOUNTED ON J.F.X. STRUCTURE - II
S-3 SPECIAL SIGN STRUCTURES I
S-4 SPECIAL SIGN STRUCTURES II
S-5 GROUND MOUNTED SIGNS
S-6 ROADSIDE SIGN DETAILS
S-7 BREAKAWAY SIGN SUPPORT & ENERGY ABSORPTION DEVICES

L-1 LIGHTING PLAN - I
L-2 LIGHTING PLAN - II
L-3 ROADWAY LIGHTING DETAILS
L-4 UNDERPASS LIGHTING DETAILS - I
L-5 UNDERPASS LIGHTING DETAILS - II
L-6 SIGN LIGHTING DETAILS - I
L-7 SIGN LIGHTING DETAILS - II
L-8 SIGN LIGHTING DETAILS - III
L-9 SCHEDULE & DETAILS
L-10 SCHEMATIC WIRING DIAGRAMS

Q-1 SIGN INDEX AND QUANTITY SUMMARY

NOTE
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".

MILEAGE - MAINLINE

TRAFFIC DESIGN DATA			
SOUTHBOUND ROADWAY		NORTHBOUND ROADWAY	
Present A.D.T.	= 10,000	Present A.D.T.	= 10,000
Design A.D.T. 1985	= 47,900	Design A.D.T. 1985	= 40,000
D.H.V. 1985	= 3,830	D.H.V. 1985	= 3,200
Trucks	= 5%	Trucks	= 5%
Design Speed	= 50 M.P.H.	Design Speed	= 50 M.P.H.

LOCATION PLAN
SCALE: 1" = 500'

Right of Way lines on these plans do not include easements; they are for assistance in interpreting the plans. These lines do not represent the ultimate property acquisition lines. For official Right of Way and easement information, see appropriate Right of Way Plats and Property Plats.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
SURVEYS	
[illegible]	
CROSS SECTIONS	
[illegible]	

CITY OF BALTIMORE
APPROVED
S. S. Pathuja
S. S. PATHEJA
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	R.J.K./BAP	7/9/76
WASTE WATER DIVISION	W.A.H./BAP	7/9/76
HIGHWAY ENGINEERING DIVISION	[illegible]	7/9/76
SURVEY AND RECORDS DIVISION	[illegible]	7/9/76
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.L.K./BAP	7/9/76
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	G.L.K./BAP	7/9/76
DEPARTMENT OF TRANSIT AND TRAFFIC	INITIALS	DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
APPROVAL RECOMMENDED
HEAD, BUREAU OF ENGINEERING
APPROVED
DIRECTOR OF PUBLIC WORKS

PREPARED BY
GREINER ENGINEERING SCIENCES, INC.
BALTIMORE, MARYLAND
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND
REVIEWED AND APPROVAL RECOMMENDED
CHIEF, BUREAU OF ENGINEERING
APPROVAL RECOMMENDED
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY
APPROVED
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER
DATE

#T-1

2	MD. I-83-1(51)0	1	2

INDEX OF SHEETS

NO.
1 TITLE SHEET AND LOCATION PLAN
2 TYPICAL CROSS SECTION OF IMPROVEMENTS AND SUMMARY OF QUANTITIES

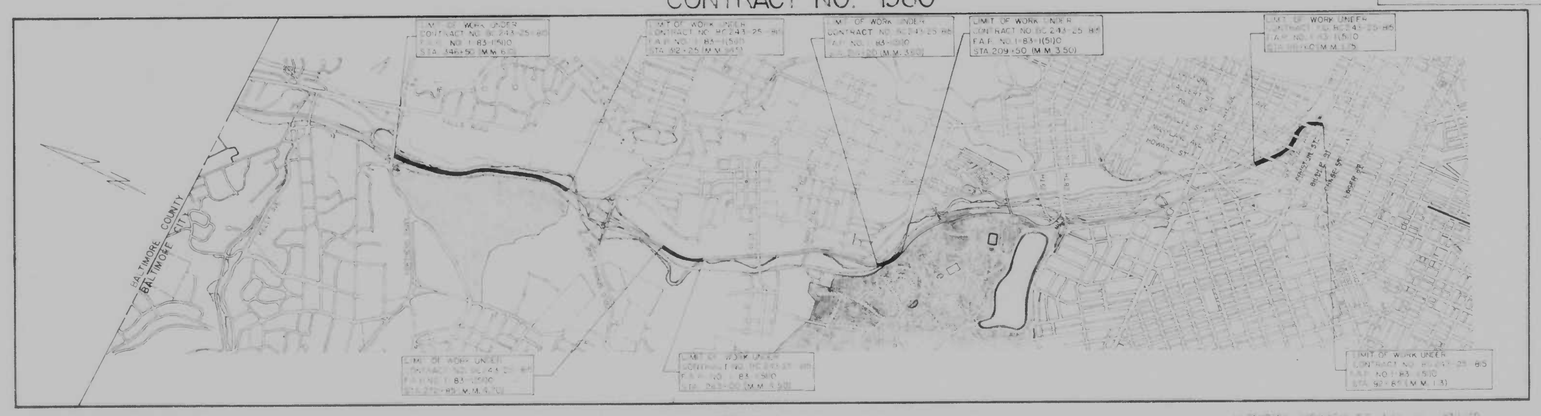
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE ROADS COMMISSION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

INTERSTATE ROUTE I-83 JONES FALLS EXPRESSWAY
ROADWAY GROOVING
PRESTON STREET TO NORTHERN PARKWAY

FEDERAL AID PROJECT NO. I-83-1(51)0.
STATE ROADS COMM. PROJECT NO. BC-243-25-815
CITY OF BALTIMORE, BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION.
CONTRACT NO. 1980

TRAFFIC DESIGN DATA			
I-83 1970		I-83 1990	
DESIGN A.D.T.	=68,100	DESIGN A.D.T.	=90,300
D.H.V.	=6,810	D.H.V.	=9,030
TRUCKS D.H.V.	=7%	TRUCKS D.H.V.	=7%
DESIGN SPEED	=50 M.P.H.	DESIGN SPEED	=50 M.P.H.

MILEAGE			
STA. 92+85	TO	STA. 94+88.30 BK.	
		STA. 94+88.20 AHD.	=203.30 L.F.
STA. 94+88.20 AHD.	TO	STA. 101+98.50 BK.	
		STA. 102+52.37 AHD.	=710.37 L.F.
STA. 102+52.37 AHD.	TO	STA. 116+60	=1,407.63 L.F.
STA. 209+50	TO	STA. 214+20	=470.00 L.F.
STA. 263+00	TO	STA. 272+85	=985.00 L.F.
STA. 312+25	TO	STA. 346+50	=3,225.00 L.F.
			7,201.23 L.F.
		TOTAL	1.364 MILES



LEGEND OF ABBREVIATIONS
M.M. - MILE MARKER
N.B.R. - NORTH BOUND ROADWAY
S.B.R. - SOUTH BOUND ROADWAY

LOCATION PLAN
1000 FEET
SCALE 1 INCH = 1500 FEET

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	[illegible]	[illegible]
WASTE WATER DIVISION	[illegible]	[illegible]
HIGHWAY ENGINEERING DIVISION	[illegible]	[illegible]
SURVEY AND RECORDS DIVISION	[illegible]	[illegible]
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION HIGHWAY MAINTENANCE DIV.	[illegible]	[illegible]
CONDUIT SECTION HIGHWAY MAINTENANCE DIV.	[illegible]	[illegible]
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E. INITIALS	3/3/70 DATE

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
[signature]
HEAD BUREAU OF ENGINEERING

APPROVED
[signature]
DIRECTOR OF PUBLIC WORKS

PREPARED BY
INTERSTATE DIVISION
FOR
BALTIMORE CITY
3/3/70
DATE

STATE ROADS COMMISSION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
[signature] 3/6/70
CHIEF BUREAU OF ENGINEERING

APPROVAL RECOMMENDED
[signature] 3/6/70
DEPUTY CHIEF ENGINEER DEVELOPMENT

APPROVAL RECOMMENDED
[signature] 3/6/70
CHIEF INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
[signature] 3/6/70
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.	I-83-1(32)0		

M-3072(3)

MILEAGE - MAIN LINE			
STATION TO STATION			
SBR	60+99.75	80+56.50	1960.75 FT. 0.371 MILES
NBR	61+01.00	80+58.00	1957.00 FT. 0.371 MILES
MILEAGE - RAMPS			
STATION TO STATION			
RAMP B	71+98.50	81+10.68	912.18 FT. 0.173 MILES
RAMP D	73+97.87	80+99.43	701.56 FT. 0.133 MILES
RAMP E	61+13.87	63+07.22	193.35 FT. 0.037 MILES
RAMP C	77+64.04	83+18.50	554.46 FT. 0.105 MILES
TOTAL			6279.30 FT. 1.190 MILES
MILEAGE - CROSS ROADS			
STATION TO STATION			
GUILFORD AVE.	10+00.00	33+06.85	2306.85 FT. 0.437 MILES
CENTRE ST.	2+03.5	6+30	426.5 FT. 0.081 MILES
MADISON ST.	1+58	4+43	285.0 FT. 0.054 MILES
EAGER ST.	2+35	3+12	77.0 FT. 0.014 MILES
TOTAL			3095.35 FT. 0.586 MILES

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

FEDERAL AID PROJECT NO. I-83-1(32)0
STATE ROADS COMMISSION PROJECT NO. BC 243-8-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 1821r

INTERSTATE ROUTE 83
JONES FALLS EXPRESSWAY

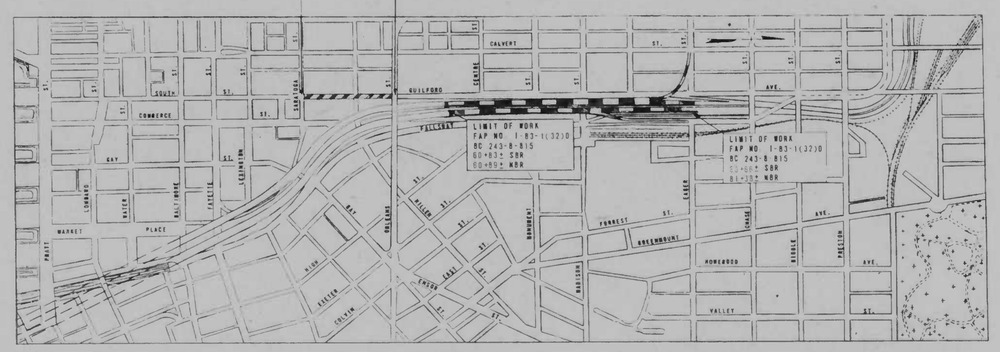
SOUTH OF CENTRE STREET TO EAGER STREET

NOTE:
EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM COMMISSION IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION"

NOTE:
GUILFORD AVENUE IMPROVEMENTS FROM BATH STREET TO SARATOGA STREET HAVE BEEN ADDED TO THIS CONTRACT BY REDLINE REVISION AS DATED 3-1-77. THIS WORK IS CHARGED TO CONSTRUCTION CONTRACT: FAP M-3072(3), S.H.A. NO. BC 231-22-815.

LIMIT OF WORK
SARATOGA STREET
FAP NO. M-3072(3)
S.H.A. NO. BC 231-22-815

LIMIT OF WORK
BATH STREET
FAP NO. M-3072(3)
S.H.A. NO. BC 231-22-815



LOCATION PLAN
SCALE: 1" = 500'

Right of Way lines on these plans do not include easements; they are for assistance in interpreting tie plans; these lines do not represent the official property acquisition lines. For official fee Right of Way and easement information, see appropriate Right of Way Plans and Property Plats.

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Present A.D.T. = 10,000	Present A.D.T. = 10,000
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.V. 1985 = 3,830	D.H.V. 1985 = 3,200
Trucks = 5%	Trucks = 5%
Design Speed = 50 M.P.H.	Design Speed = 50 M.P.H.

FIELD BOOKS	
BOOK NO.	DESCRIPTION
SURVEYS	
IO 83-1	
CROSS SECTIONS	
IO 83-2	

CITY OF BALTIMORE
APPROVED: David A. Cranfoss
DAVID A. CRANFOSS
SEDIMENTATION & EROSION CONTROL REPRESENTATIVE

INTERSTATE DIVISION FOR BALTIMORE CITY
Hugh L. Greene, E.P. 3/31 3/21/77
SEDIMENTATION AND EROSION CONTROL APPROVAL

CHECKED BY:	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	RJK/BAD	11-27-73
WASTE WATER DIVISION	WAH/BAD	11-27-73
HIGHWAY ENGINEERING DIVISION	WEB	11-27-73
SURVEY AND RECORDS DIVISION	J.E.M. Jr.	11-27-73
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	J.L.N./BAD	11-27-73
CONDUIT SECTION - HIGHWAY MAINTENANCE DIV.	J.L.N./BAD	11-27-73
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E.	11-27-73

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
Frank W. Ruckle
HEAD, BUREAU OF ENGINEERING

APPROVED
F. Pierce Linaweaver
DIRECTOR OF PUBLIC WORKS

PREPARED BY
J.E. GREITNER COMPANY, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
William J. Pullman
CHIEF, BUREAU OF DESIGN

APPROVAL RECOMMENDED
Joseph W. Helms 11/27/73
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVAL RECOMMENDED
Thomas D. Evans 11/27/73
DEPUTY CHIEF ENGINEER - DEVELOPMENT

APPROVED
Hugh L. Dawson 11/28/73

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ENGINEER DATE

FEDERAL AID PROJECT NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(72)0	1	96

LEGEND

- NEW PAVEMENT
- EXIST. BRIDGE STRUCTURE
- PROP. WALL ON EXIST. BRIDGE STRUCTURE
- BITUMINOUS OVERLAY
- SHOULDER PAVEMENT

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

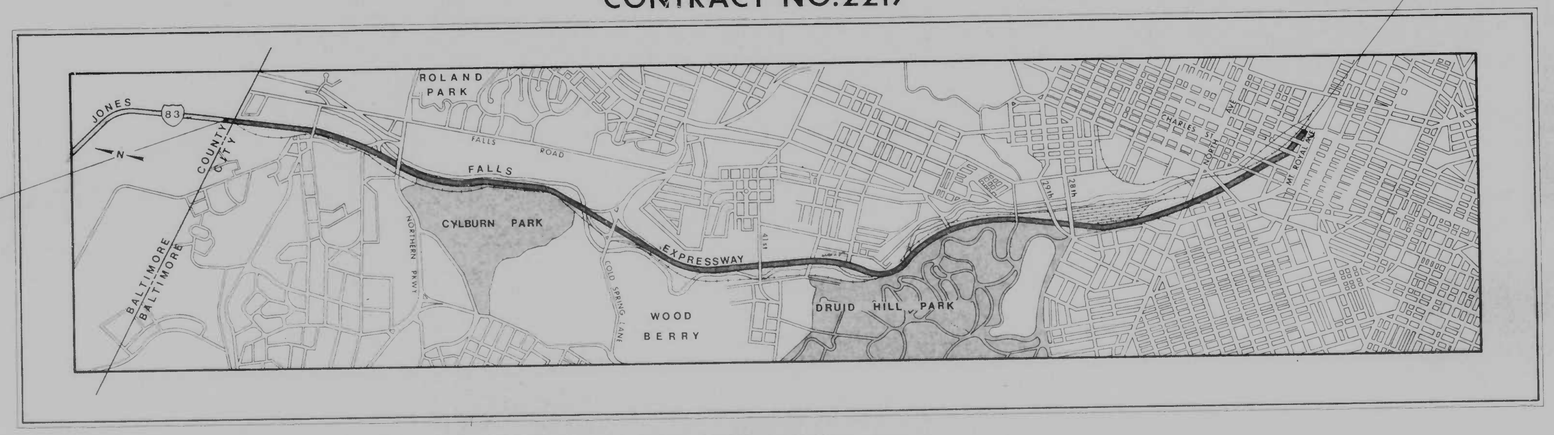
INTERSTATE ROUTE I-83 JONES FALLS EXPRESSWAY
SAFETY IMPROVEMENTS
SOUTH OF CHARLES STREET TO NORTH CITY LINE

TRAFFIC DESIGN DATA			
I-83	1970	I-83	1990
DESIGN A.D.T.	= 66,100	DESIGN A.D.T.	= 90,300
D.H.V.	= 6,810	D.H.V.	= 9,030
TRUCKS D.H.V.	= 7%	TRUCKS D.H.V.	= 7%
DESIGN SPEED	= 55 M.P.H.	DESIGN SPEED	= 55 M.P.H.

FEDERAL AID PROJECT NO. I-83-1(72)0
STATE HIGHWAY ADMIN. PROJECT NO. BC-243-46-815
CITY OF BALTIMORE, BUREAU OF ENGINEERING, HIGHWAY ENGINEERING DIVISION
CONTRACT NO. 2217

LIMIT OF WORK
STA. 103 + 10.10
F.A.P. NO. I-83-1(72)0
S.H.A. NO. BC 243-46-815
BALTO. CITY NO. 2217

LIMIT OF WORK
STA. 390 + 15
F.A.P. NO. I-83-1(72)0
S.H.A. NO. BC 243-46-815
BALTO. CITY NO. 2217



LOCATION PLAN
SCALE: 1 INCH = 1500 FEET

LENGTH OF PROJECT 5.44 MILES

LEGEND OF ABBREVIATIONS

L.F. - LINEAR FEET
℄ - CENTERLINE
NBR - NORTH BOUND ROADWAY
SBR - SOUTH BOUND ROADWAY
E.J. - EXPANSION JOINT
J.B. - JUNCTION BOX
T&T - TRANSIT AND TRAFFIC
℄ - BASELINE
M.H. - MANHOLE
R.C.C.P. - REINFORCED CONCRETE CULVERT PIPE
BIT. - BITUMINOUS
C.I.P. - CAST IRON PIPE
M.M. - MILEAGE MARKER
H.B. - HAND BOX
ROWY - ROADWAY
FDN. - FOUNDATION
L.P. - LIGHT POLE
C & G - COMB. CURB AND GUTTER

SURVEY FIELD BOOKS

1-83-004 - TRAV. & REF.
1-83-005 - BENCHMARKS
1-83-006 - ℄ STAKEOUT
1-83-007 - X-SECTIONS & TOPO
1-83-008 " "
1-83-009 " "
1-83-010 " "
1-83-011 " "
1-83-012 " "

EFFECTIVE JULY 1, 1971, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE THE "STATE HIGHWAY ADMINISTRATION"

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	RJK/BAP	4/8/75
WASTE WATER DIVISION	W.A.K./BAP	4/8/75
SEDIMENTATION & EROSION CONTROL	C.L.R.	4/8/75
HIGHWAY ENGINEERING DIVISION	W.L.O.	4/8/75
SURVEY AND RECORDS DIVISION	[illegible]	4/8/75
BUREAU OF UTILITY OPERATIONS		
LIGHTING SECTION - HIGHWAY MAINTENANCE DIV.	G.A.M./BAP	4/8/75
CONCRETE SECTION - HIGHWAY MAINTENANCE DIV.	G.E.N./BAP	4/8/75
DEPARTMENT OF TRANSIT AND TRAFFIC	J.W.E. (INITIAL)	4-8-75 (DATE)

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
[signature]
HEAD, BUREAU OF ENGINEERING

APPROVED
[signature] Deputy
DIRECTOR OF PUBLIC WORKS

PREPARED BY

KENNEDY-BODE ENGINEERING INC.
Consulting Engineers

FEBRUARY 1975
DATE

J. E. Bode 4/4/75

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
William K. Hellmann 4-9-75
CHIEF, BUREAU OF DESIGN

APPROVAL RECOMMENDED
[signature] 4/9/75
CHIEF ENGINEER, DIVISION FOR BALTIMORE CITY

APPROVED
for [signature] 4/9/75
CHIEF ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

DIVISION ENGINEER DATE